CFP2000 Result

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Hewlett-Packard Company

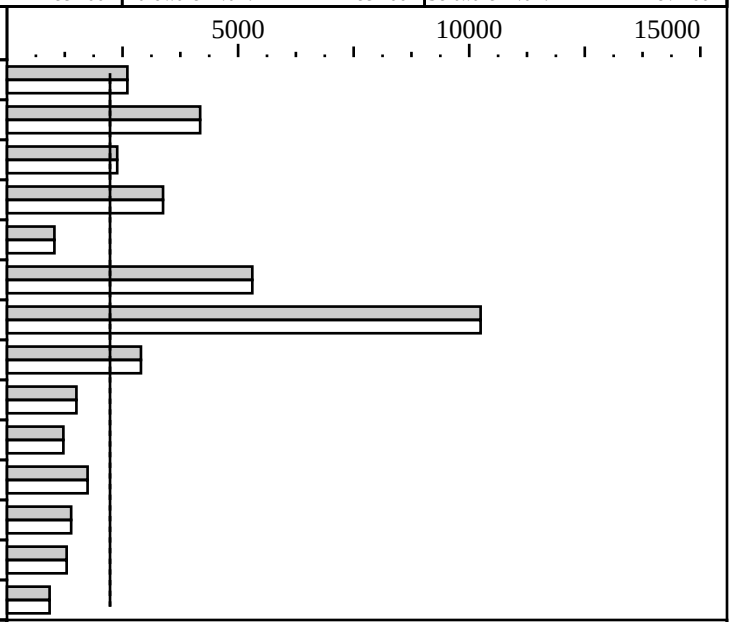
HP Integrity rx2620-2 (1.3GHz/3MB, Itanium 2)

SPECfp2000 = 2229

SPECfp_base2000 = 2229

SPEC license #: 3 | Tested by: HP Richardson | Test date: Dec-2004 | Hardware Avail: Dec-2004 | Software Avail: Nov-2004

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio
168.wupwise	1600	61.4	2605	61.4	2605
171.swim	3100	74.2	4179	74.2	4179
172.mgrid	1800	75.5	2384	75.5	2384
173.applu	2100	62.2	3376	62.2	3376
177.mesa	1400	136	1026	136	1026
178.galgel	2900	54.6	5307	54.6	5307
179.art	2600	25.4	10247	25.4	10247
183.equake	1300	44.9	2898	44.9	2898
187.facerec	1900	126	1502	126	1502
188.ammp	2200	180	1220	180	1220
189.lucas	2000	115	1744	115	1744
191.fma3d	2100	151	1388	151	1388
200.sixtrack	1100	85.2	1290	85.2	1290
301.apsi	2600	282	922	282	922



Hardware

CPU:	Intel Itanium 2 (1.3 GHz/3MB, 400MHz FSB)
CPU MHz:	1300
FPU:	Integrated
CPU(s) enabled:	1 core, 1 chip, 1 core/chip
CPU(s) orderable:	1-2
Parallel:	no
Primary Cache:	16KBI + 16KBD on chip, per core
Secondary Cache:	256KB (I+D) on chip, per core
L3 Cache:	3.0MB (I+D) on chip, per core
Other Cache:	N/A
Memory:	24GB (12x2GB DIMMs)
Disk Subsystem:	1x36GB 15K SCSI
Other Hardware:	N/A

Software

Operating System:	Red Hat Linux Advanced Server release 3.0AS (Update 3)
Compiler:	Intel C++ Compiler 8.1 for Linux (Build 20041021) Intel Fortran Compiler 8.1 for Linux (Build 20041021)
File System:	ext3
System State:	Multi-user

Notes/Tuning Information

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Base tuning flags:
        C programs: -fast -ansi_alias +FDO -IPF_fp_relaxed
   Fortran programs: -fast +FDO -IPF_fp_relaxed

Portability:
        178.galgel:  -FI
        187.facerec: srcalt=AllocShape

Peak flags same as baseline (basepeak=true set globally)
+FDO: PASS1=-prof_gen  PASS2=-prof_use

Note:
  EFI command "cpuconfig" used prior to booting to
  deconfigure other processors if necessary
```